

DEPARTMENT OF TRANSPORTATION**DIVISION OF ENGINEERING SERVICES**

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-000957**Date Inspected:** 12-Nov-2007**Project Name:** SAS Superstructure**OSM Arrival Time:** 1300**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 2330**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China

CWI Name:	N/A	CWI Present:	Yes	No			
Inspected CWI report:	Yes	No	N/A	Rod Oven in Use:	Yes	No	N/A
Electrode to specification:	Yes	No	N/A	Weld Procedures Followed:	Yes	No	N/A
Qualified Welders:	Yes	No	N/A	Verified Joint Fit-up:	Yes	No	N/A
Approved Drawings:	Yes	No	N/A	Approved WPS:	Yes	No	N/A
				Delayed / Cancelled:	Yes	No	N/A
Bridge No:	34-0006	Component:	89 Meter Mock-Up				

Summary of Items Observed:

This Quality Assurance Inspector oversaw Quality Assurance Inspectors Charlie Franco, and David Smith performing fabrication inspection out on the shop floor today. Various magnetic particle tests were performed by David Smith on the 77 Meter Diaphragm SA273 fillet welds and the 89 Meter Mock-Up MA21 root welds for the complete joint penetration welds on Face A welds 10 & 12. In bay 7 welding of the OBG diaphragm pieces continued and in bay 1 a 1 millimeter gap was removed between the close u-rib and plate by using a press and placing an additional tack weld. The long and short plate rib sections were place on the welding table.

All observations/verifications by Quality Assurance staff appeared to be in compliance with the project specifications.

Summary of Conversations:

No conversations held today.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Mazen Wahbeh, (818) 292-0659, who represents the Office of Structural Materials for your project.

Inspected By: Berger,Bruce

Quality Assurance Inspector

WELDING INSPECTION REPORT

(Continued Page 2 of 2)

Reviewed By: Cochran,Jim

QA Reviewer